

# AHES 2011 Conference Program

**33<sup>rd</sup> Australian Conference for Health  
Economists**

**29<sup>th</sup> & 30<sup>th</sup> September 2011**

**Westin Hotel Melbourne**



Local organisers: Monash University

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# AHES

*Australian Health Economics Society*

**and local organiser**



Centre for Health Economics

**Would like to thank our Platinum Sponsor:  
The Australian Government Department of  
Health and Ageing  
for its generous support**



Melbourne at Nite photo by Jing Jing Li

## Keynote Speakers

### Professor Janet Currie

#### Princeton University

Janet Currie is the Henry Putnam Professor of Economics and Public Affairs at Princeton University and the Director of Princeton's Center for Health and Well Being. She also directs the Program on Families and Children at the National Bureau of Economic Research. She has served on several National Academy of Sciences panels including the Committee on Population, and was elected Vice President of the American Economics Association in 2010. She has also served as a consultant for the National Health Interview Survey and the National Longitudinal Surveys and on the advisory board of the National Children's Study. She is a Fellow of the Society of Labor Economists, an affiliate of the University of Michigan's National Poverty Center, and an affiliate of IZA in Bonn. She is the Editor of the Journal of Economic Literature and on the editorial board of the Quarterly Journal of Economics, and has also served several other journals in an editorial capacity including the Journal of Health Economics, the Journal of Labor Economics, and the Journal of Public Economics.



Her research focuses on the health and well-being of children. She has written about early intervention programs, programs to expand health insurance and improve health care, public housing, and food and nutrition programs. Much of this research is summarized in "The Invisible Safety Net: Protecting the Nation's Poor Children and Families", Princeton University Press. Her current research focuses on socioeconomic differences in child health, and on environmental threats to children's health from sources such as toxic pollutants.

### Professor Mike Drummond

#### University of York

Mike is Professor of Health Economics and was Director of the Centre for Health Economics from December 1995 to September 2005. His particular field of interest is in the economic evaluation of health care treatments and programmes. He has undertaken evaluations in a wide range of medical fields including care of the elderly, neonatal intensive care, immunisation programmes, services for people with AIDS, eye health care and pharmaceuticals.



He is the author of two major textbooks and more than 600 scientific papers, has acted as a consultant to the World Health Organization and was Project Leader of a European Union Project on the Methodology of Economic Appraisal of Health Technology. He has also served on the Boards of Directors of the International Society of Technology Assessment in Health Care and the International Society for Pharmacoeconomics and Outcomes Research (ISPOR). He has been President of ISPOR. He is currently Co-Editor-in-Chief of Value in Health.

His recent projects relate to the conduct of economic evaluations and their use in health care decision making. These include:

- NHS Economic Evaluation Database (funded by NHS R&D)
- Assessment of the socio-economic value of medical devices (funded by the European Health Technology Institute)

## Day One - Thursday 29<sup>th</sup> September

- 8.30 – 9.00**            **Registration and Tea and Coffee**
- 9.00 – 9.10**            **Welcome** (AHES President)  
**Location: Westin Room III**
- 9.10 – 10.40**        **Keynote Speaker: Michael Drummond (University of York)**  
**Title: Twenty years of using economic evaluation for drug reimbursement decisions: what have we achieved?**  
**Chair: Rosalie Viney**  
**Discussant: Andrew Mitchell**  
**Location: Westin Room III**
- 10.40 – 11.10**        **Morning Tea**
- 11.10 – 12.50**        **Main Session 1**

### **Parallel Session A1: Health Care Financing I**

Location: Westin Room I

Chair: Gang Chen (Monash University)

1. Demand side financing: lessons learnt from Bangladesh  
Presenting Author: Rumana Huque (University of Dhaka)
2. Does public health spending matter? Evidence from China provincial level panel data  
Presenting Author: Jia Yuan (University of Macau)
3. Impact evaluation of the New Cooperative Medical Scheme in rural China  
Presenting Author: Dan Liu (University of Bonn)
4. Improving the method of GDP estimation of private health care service in India  
Presenting Author: Suparna Pal (Centre for Development Studies, Trivandrum)

### **Parallel Session B1: Impacts on Health**

Location: Westin Room II

Chair: Marian Shanahan (University of New South Wales)

1. The effect of video game playing on childhood overweight  
Presenting Author: Agne Suziedelyte (University of New South Wales)
2. The effects of cognitive and non-cognitive ability on drug use  
Presenting Author: David Johnston (Monash University)

3. Cannabis use and suicide ideation  
Presenting Author: Jenny Williams (University of Melbourne)
4. Determining the relative impact of aging on the health of aged Australians: an analysis of nine-wave HILDA panel surveys 2001 to 2009  
Presenting Author: Ya-Seng (Arthur) Hsueh (University of Melbourne)

### **Parallel Session C1: Economic Evaluation I**

Location: Westin Room IV

Chair: Jing Jing Li (Monash University)

1. Population effects of Complementary and Alternative Medicine (CAM) use on quality of life: implications for primary health care funding  
Presenting Author: Jean Spinks (Monash University)
2. Modelling the cost-effectiveness of strategies for treating oesophageal cancer and high grade dysplasia  
Presenting Author: Louisa Gordon (Griffith University)
3. Cost-effectiveness of Radiofrequency Ablation relative to surveillance in low grade dysplastic Barrett's Oesophagus  
Presenting Author: Jody Church (University of Technology, Sydney)
4. Health economic evaluation of alternative psychiatric treatment for post-traumatic stress disorder in sexually abused children: cost-utility analysis with 30 year time horizon  
Presenting Author: Elena Gospodarevskaya (University of South Australia)

**12.50 – 1.30            Lunch**  
**Martini Bar, Westin Hotel**

**1.30 – 3.10            Main Session 2**

### **Parallel Session A2: Costing**

Location: Westin Room I

Chair: Agnes Walker (The Australian National University, Canberra)

1. Accounting for the indirect costs of premature mortality: literature review and a proposed microsimulation model  
Presenting Author: Hannah Verry (NHMRC Clinical Trials Centre)
2. A re-examination of the costs of medical R&D  
Presenting Author: Eric Sun (University of Chicago)
3. Modelling health care costs and life expectancy: insights from Australian individual health expenditure data  
Presenting Author: Philip Clarke (University of Sydney)

4. Measuring time use of the chronically ill  
Presenting Author: Ian McRae (Australian National University)

### **Parallel Session B2: Doctor Supply and Quality**

Location: Westin Room II

Chair: Glenn Jones (Macquarie University)

1. An analysis of financial and non-financial incentives for General Practitioners in Australia  
Presenting Author: Abby Kamalakanthan (AECOM Australia Pty Ltd)
2. The supply of General Practitioners across small areas in Australia: accounting for the 'neighbour' effect  
Presenting Author: M. McIsaac (University of Melbourne)
3. Measuring the monetary motivation of physicians  
Presenting Author: Anthony Scott (University of Melbourne)
4. The risk of risk adjustment in assessing hospital quality  
Presenting Author: Jongsay Yong (University of Melbourne)

### **Parallel Session C2: Utility Measurement**

Location: Westin Room IV

Chair: Paula Lorgelly (Monash University)

1. Tragedy of the uncommon? A comparison of preference elicitation techniques for Australian EQ-5D weights  
Presenting Author: Richard Norman (University of Technology, Sydney)
2. Psychometric validity and multi attribute (MAU) utility instruments  
Presenting Author: Angelo Iezzi (Monash University)
3. Validating AQoL-8D with obese people Health Related Quality of Life (HRQoL): a comparison with Short Form-36  
Presenting Author: Munir Khan (Monash University)
4. A panel data comparison of two commonly-used health-related quality of life instruments  
Presenting Author: Zac Gerring (Victoria University of Wellington)

## **3.10 – 3.30 Afternoon Tea**

### **3.30 – 5.10 Main Session 3**

#### **Parallel Session A3: Income, Employment and Health**

Location: Westin Room I

Chair: Bruce Hollingsworth (Monash University)

1. Measurement of permanent income  
Presenting Author: Rachel Knott (University of Sydney)
2. Child labour supply and antiretroviral treatment packages in Central Uganda  
Presenting Author: Julie Abimanyi-Ochom (Monash University)
3. Health consequences of child labour in Bangladesh  
Presenting Author: Salma Ahmed (Monash University)
4. Retiring early due to chronic conditions – impact on individual’s financial assets  
Presenting Author: Rupendra Shrestha (University of Sydney)

#### **Parallel Session B3: Equity and Workforce**

Location: Westin Room II

Chair: Emily Lancsar (Monash University)

1. Decomposing health inequality in mortality for the Northern Territory population  
Presenting Author: Jiqiong You (Northern Territory Government)
2. Convergence in health and health inequalities in India: an exploration  
Presenting Author: Srinivas Goli (International Institute for Population Sciences, Mumbai)
3. GP prices and competition  
Presenting Author: Peter Sivey (University of Melbourne)
4. An empirical analysis of dual practice by medical specialists in Australia  
Presenting Author: Terence Cheng (University of Melbourne)

#### **Parallel Session C3: Modelling for Economic Evaluation**

Location: Westin Room IV

Chair: Janelle Seah (Monash University)

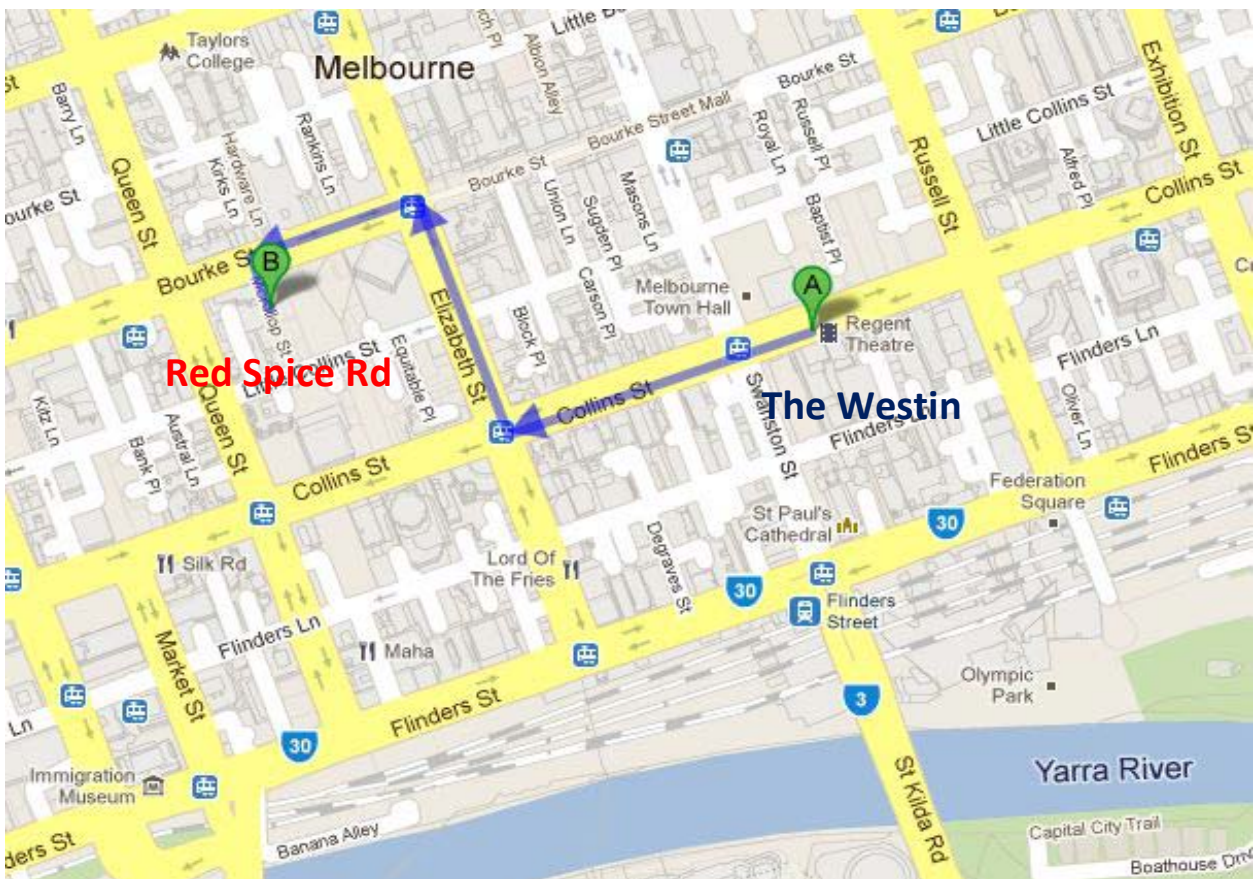
1. Impact of population dynamics and time horizon on incremental cost-effectiveness ratios of new treatments for chronic disease: a case study for ankylosing spondylitis  
Presenting Author: An Tran Duy (Maastricht University)
2. The development of a type 1 diabetes simulation model to evaluate cardiovascular and renal risk  
Presenting Author: Tom Lung (Sydney University)

3. Eliciting experts' parameter distributions to inform a pre-trial cost effectiveness model  
Presenting Author: Daniel Sperber (Monash University)
4. The impact of pharmaceutical characteristics on the choice of treatments for osteoporosis  
Presenting Author: Bonny Parkinson (University of Technology, Sydney)

**5.10 – 5.30            Drinks (Foyer outside Westin IV)**

**5.30 – 6.30            AGM (Westin IV)**

**7.30-                    Conference Dinner**  
**Red Spice Road, 27 McKillop Street Melbourne**  
**approximately 10min easy walk from the Westin (see map)**



## Day Two – Friday 30<sup>th</sup> September

**8.30 – 9.00**      **Tea and coffee available**

**9.00 – 10.40**      **Main Session 4**

### **Parallel Session A4: Determinants of Health**

Location: Westin Room IV

Chair: David Johnston (Monash University)

1. Wealth and the health of young children in Kenya  
Presenting Author: David Kimbu (Monash University)
2. Mental health and economic outcomes across generations  
Presenting Author: Michael Shields (Monash University)
3. Does compensation lead to worse health, or does worse health lead to compensation?  
Why both possibilities must be considered  
Presenting Author: N. Spearing (University of Queensland)

### **Parallel Session B4: Economic Evaluation II**

Location: The Wine Room

Chair: Nicole Au (Monash University)

1. Analysis of willingness to pay preferences for dental health programs in Australia  
Presenting Author: Kompal Sinha (Monash University)
2. Shopping online: does it lead to a slimmer waistline? An economic evaluation of online versus in-person grocery shopping for the prevention and management of obesity  
Presenting Author: Grace Marsden (University of York)
3. Cardiovascular disease and diabetes in Australia: Cost effectiveness of an integrated vascular risk assessment and management intervention  
Presenting Author: Agnes Walker (Australian National University)
4. Cystic fibrosis in Australia: cost of illness and determinants of cost  
Presenting Author: Yuanyuan Gu (University of Technology, Sydney)

#### **Parallel Session C4: Organised Session 1**

Location: Executive Room II

Title: The Medicare Safety Net: the good, the bad and the yet to be decided

Chair: Kees van Gool (University of Technology, Sydney)

Speakers: Meliyanni Johar, Stephanie Knox, Rosalie Viney (University of Technology, Sydney)

**10.40 – 11.00**

**Morning Tea**

**11.00 – 11.50**

**Main Session 5**

#### **Parallel Session A5: Income and Health Care Utilisation**

Location: Westin Room IV

Chair: Meliyanni Johar (University of Technology, Sydney)

1. Individuals' health care utilisation in China  
Presenting Author: Bing Li (Monash University)
2. Performance assessment of GA District mutual health insurance scheme in the greater Accra region, Ghana  
Presenting Author: E. Nsiah-Boateng (University of Ghana)

#### **Parallel Session B5: Priority-setting**

Location: The Wine Room

Chair: Jane Hall (University of Technology, Sydney)

1. Priority setting and patient adaptation to disability and illness: outcomes of a qualitative study  
Presenting Author: John McKie (Monash University)
2. Is maximisation a myth?  
Presenting Author: Jeff Richardson (Monash University)

#### **Parallel Session C5: Health Care Financing II**

Location: Executive Room II

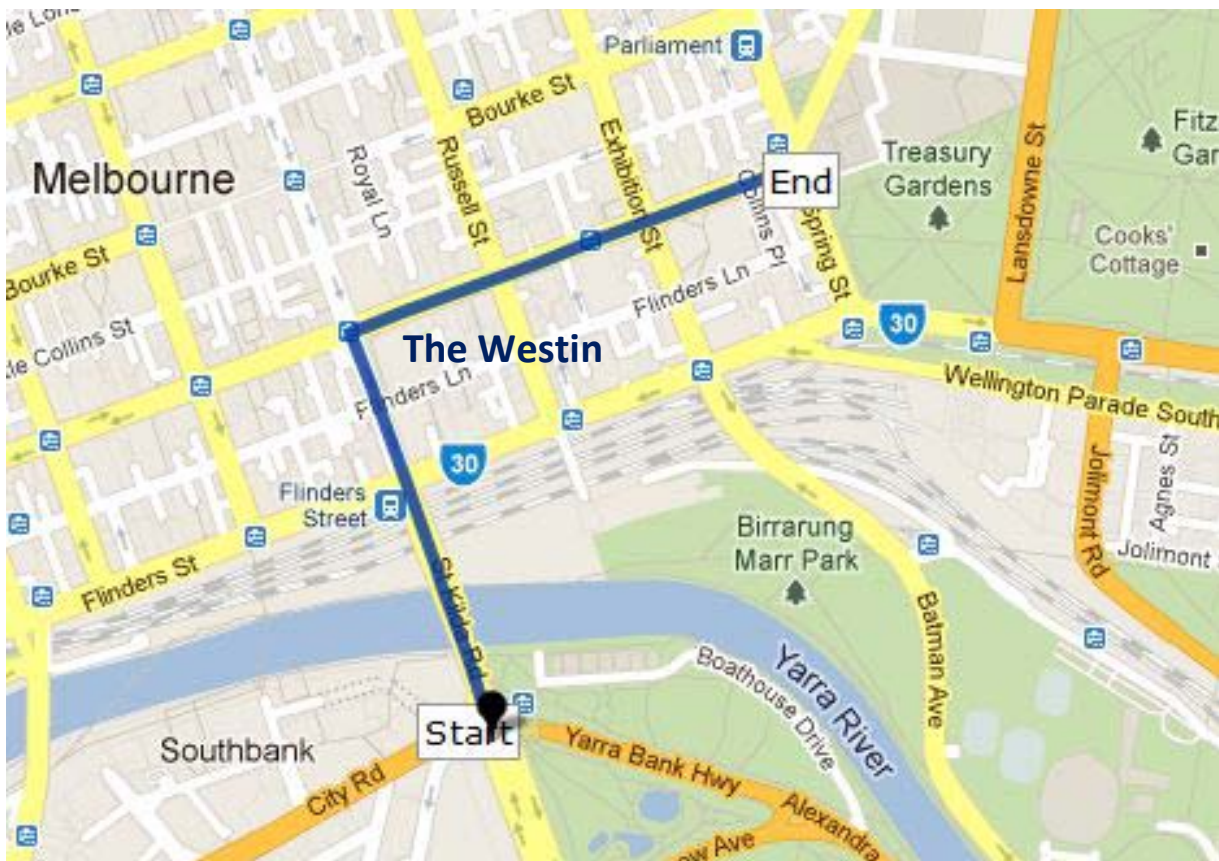
Chair: Rohan Sweeney (Monash University)

1. Private health insurance price regulation  
Presenting Author: Alastair Wilson (Commonwealth Department of Health and Ageing)
2. The impact of the Adult Lifestyle Support Package on the informal careers of people living with a spinal cord injury  
Presenting Author: David Rowell (University of Queensland)

**12.00 – 1.00      Lunch**  
**Allegro Restaurant, Westin Hotel**

**Lunchtime entertainment: AFL Grand Finale Parade from 12 noon**

(Departs Victoria Arts Centre at 12noon up Swanston Street, then Collins Street before finishing at the Old Treasury Building (Spring and Collins), should pass Westin Hotel 12.15 – 12.30pm)



## **1.00 – 2.40            Main Session 6**

### **Parallel Session A6: Health and Health Care**

Location: Westin Room IV

Chair: Michael Shields (Monash University)

1. Bound analysis of the impact of private health insurance on dental service utilization in Australia  
Presenting Author: Chuhui Li (Monash University)
2. The determinants of birth weight in Indonesia: econometric analysis of a potential selection problem using Indonesia Family Life Survey  
Presenting Author: Heni Wahyuni (University of Technology, Sydney)
3. Preliminary results: cost differentials of hospital inpatient care by Indigeneity and remoteness  
Presenting Author: Yuejen Zhao (Northern Territory Department of Health)
4. The economic impact of a health shock on poor households: panel data estimates of incidence and intensity  
Presenting Author: Jaikishan Desai (Victoria University of Wellington)

### **Parallel Session B6: Discrete Choice Experiments**

Location: The Wine Room

Chair: Richard Norman (University of Technology, Sydney)

1. The use of alternative elicitation methods in complex DCEs  
Presenting Author: Hong il Yoo (University of New South Wales)
2. Patient preferences for a home or clinic based program to support the management of Chronic Heart Failure  
Presenting Author: J. Whitty (Griffith University)
3. Using a best worst choice experiment to explore preferences for drinking water  
Presenting Author: Emily Lancsar (Monash University)
4. Combining individual-level discrete choice experiment estimates and costs to inform health care management decisions about customised care: the case of follow-up strategies after breast cancer treatment  
Presenting Author: Merel Kimman (University of Sydney)

## Parallel Session C6: Organised Session 2

Location: Executive Room II

Title: Risk management and health funding: an analysis of the Australian system of health funding

Chair: Elizabeth Savage (University of Technology, Sydney)

Speakers: Glenn Jones (Macquarie University), Meliyanni Johar (University of Technology, Sydney), Denise Doiron (University of New South Wales)

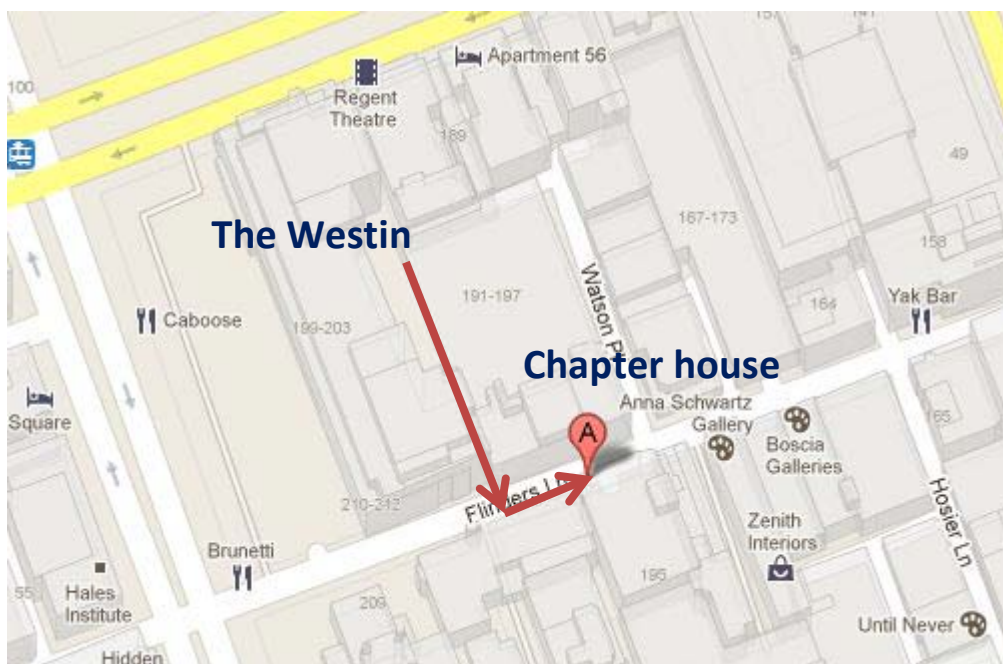
Discussants: Jongsay Yong; Tony Harris

**2.40 – 3.00 Afternoon Tea**  
**Walk to The Chapter House, 197 Flinders Lane, Melbourne**  
**(see Map below)**

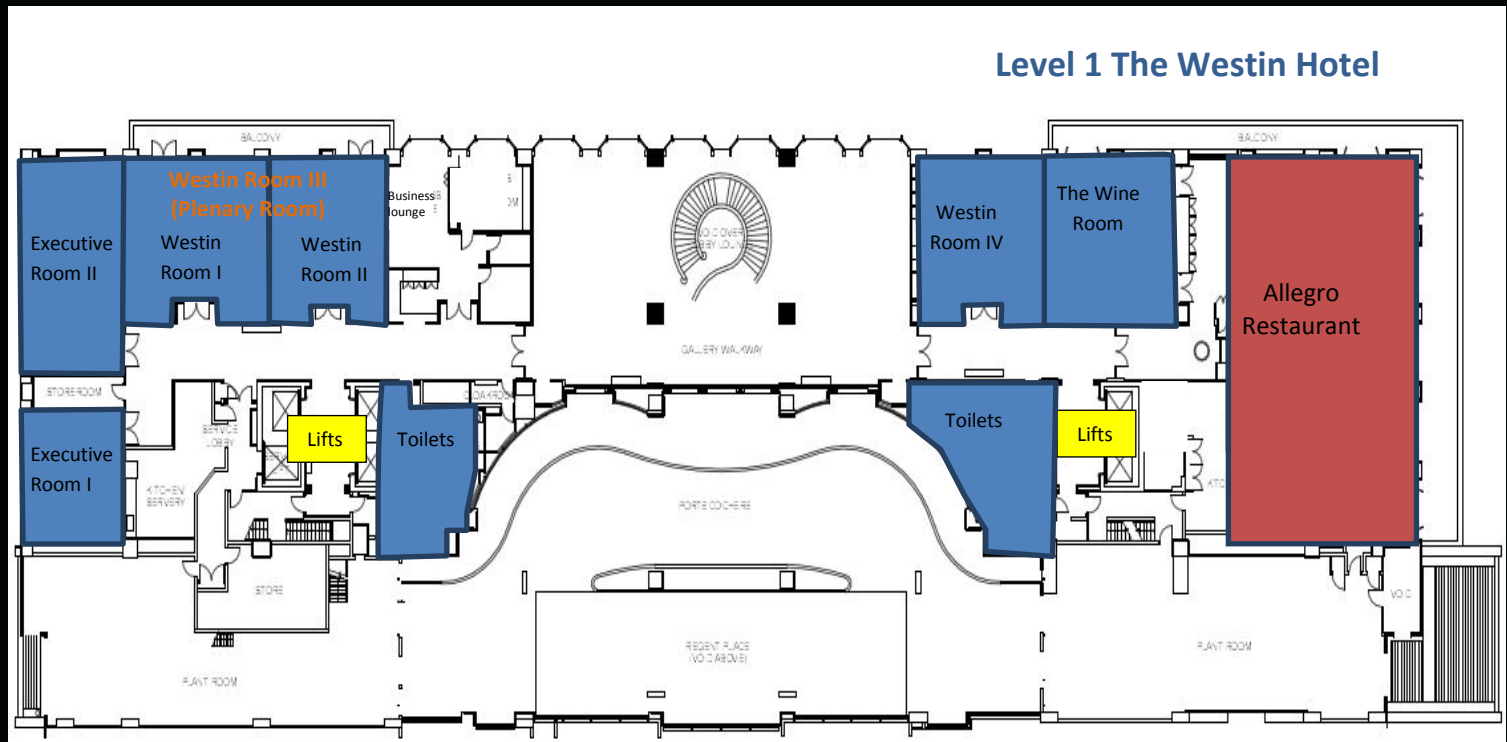
**3.00 – 4.00 Keynote Speaker: Janet Currie (Princeton University)**  
**Title: Inequality at birth**  
**Chair: Michael Shields**  
**Location: The Chapter House**

**4.00 - 4.15 Award of Junior Researcher Prize**  
**Award of AHES Research Prize**

**4.15 Close of conference**



## Map of the Conference Rooms



**34<sup>th</sup> AHES Conference**

**27-28 September 2012**

**Darwin Australia**

**See you there!**

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